

Carl Moyer Program Fact Sheet

Reducing Diesel Emissions for Healthier Air

WHAT	is	the
Carl Mo	y	er
Progran	n?)

The purpose of the Carl Moyer Program (CMP) is to reduce emissions from existing heavy-duty diesel engines. The CMP is administered by the California Air Resources Board (CARB) in partnership with local air quality districts throughout the state.

Emissions from heavy-duty diesel engines have been identified as a major source of air pollution, including nitrogen oxides (NOx), particulate matter (PM), and air toxics. Since diesel engines are extremely durable (they may last for 20 years or more), the CMP provides grants to reduce emissions from existing diesel engines that might otherwise continue to emit high amounts of pollution over their lifespan. Most existing diesel engines are not subject to the stringent emission standards that apply to new diesel engines.

Note: *CMP* funds **cannot** be used to comply with any applicable emission standards or regulations. CMP funds may only be used to generate surplus emission reductions; i.e., to reduce emissions beyond what is required by applicable standards or regulations.

WHO is eligible to apply for grants?

Both **PUBLIC** agencies and **PRIVATE** entities that own and operate eligible diesel equipment within the Bay Area can apply to the Bay Area Air Quality Management District (Air District) for CMP grant funds.

PUBLIC agencies include city and county government agencies, school districts, and special purpose agencies.

PRIVATE entities include individuals, corporations, businesses, and other organizations that own and operate eligible heavy-duty vehicles, engines, or equipment.

WHAT types of projects and equipment are eligible?

Eligible project types that can be funded by the CMP include:

- on-road heavy-duty trucks and buses (> 14,000 lbs. gross vehicle weight)
- off-road heavy-duty equipment (e.g., construction and farm equipment)
- marine vessels (e.g., tug boats, fishing vessels, ferry boats, etc.)
- locomotives
- forklifts
- airport ground support equipment (GSE)
- stationary agricultural irrigation pumps
- auxiliary power units (APUs) to reduce vehicle idling

Eligible projects may include the repowering or retrofitting of existing engines and vehicles, as well as the purchase of new low-emission engines or vehicles.

HOW much CMP funding can the owner of a diesel engine request?	CMP grants typically cover a major portion of the cost to replace or retrofit an engine. In addition to this direct subsidy, by installing a cleaner, more efficient engine, the engine owner/operator will generally realize a significant reduction in operating costs via improved fuel economy and reduced maintenance costs.	
HOW are CMP applications evaluated?	In the Bay Area, CMP funds are distributed via a competitive process. Grant applications are ranked based on their cost-effectiveness in reducing emissions. In awarding CMP funds, the Air District must comply with the requirement in state	
HOW are CMP funds allocated?	law (Health & Safety Code Section 43023.5) to allocate at least 50% of CMP funds to projects that reduce emissions in communities with high exposure to air contaminants. Cost-effectiveness is determined by dividing the amount of CMP grant funds requested by the estimated emission reductions that the project would achieve. Emission reductions are based upon the sum of nitrogen oxides (NOx), reactive organic gases (ROG), and particulate matter (PM) emissions reduced by a project. Following CARB guidelines, PM emission reductions are weighted by a factor of 20. All projects must achieve a cost-effectiveness of \$14,300 or less per ton of emissions reduced to be potentially eligible for CMP funding.	
WHEN will new CMP funding be available?	The Air District plans to issue a call for new CMP grant applications in fall 2006. At least \$10 million in CMP funds will be available to allocate to new projects. CMP program guidelines will be posted at: www.baaqmd.gov/pln/grants and incentives/carl moyer/index.htm	
How can I get more information?	For further information, please contact: David Burch at dburch@baaqmd.gov or 415-749-4641 or Alison Kirk at akirk@baaqmd.gov or 415-749-5169 To have your contact information added to the CMP mailing list, please send an email message with your USPS mailing address to grants@baaqmd.gov	